

# 9.3 Graphing Quadratics

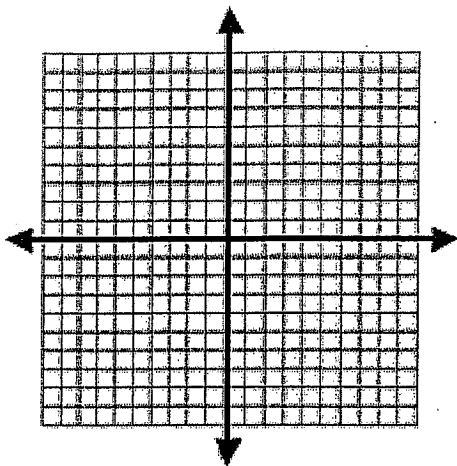
Name \_\_\_\_\_

## Day 2 Worksheet

Sketch the graph of the function. Label the vertex and fill in the function table.

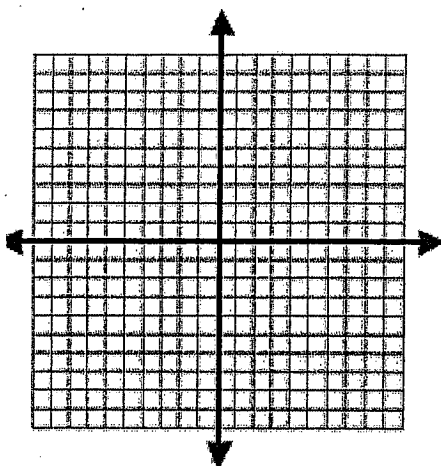
1.  $y = -x^2$

X	Y



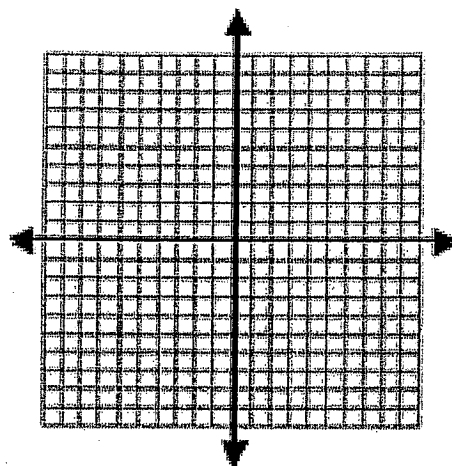
2.  $y = x^2 - 4$

X	Y



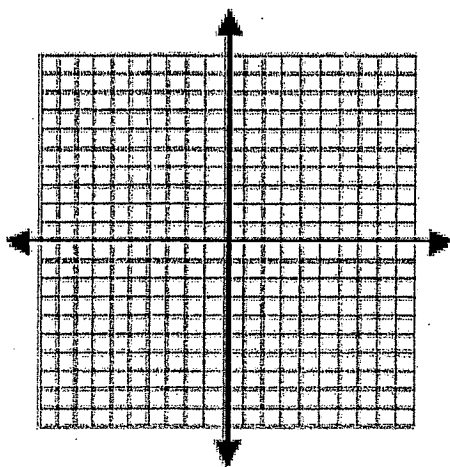
3.  $y = 3x^2 - 12x - 2$

X	Y



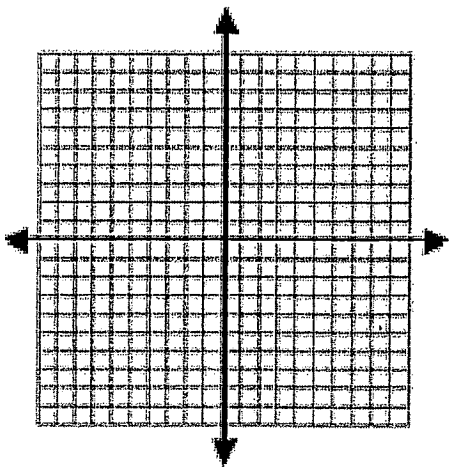
4.  $y = \frac{1}{2}x^2 - 4x + 1$

X	Y



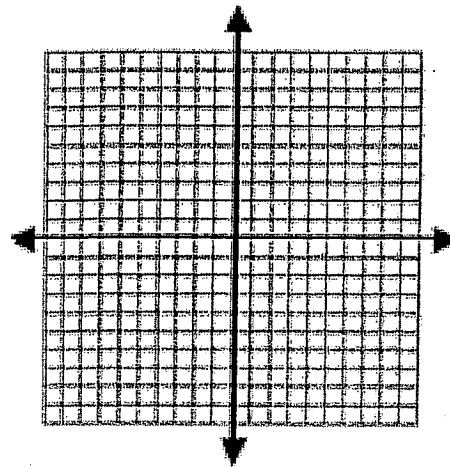
5.  $y = -3x^2 + 6x + 2$

X	Y



6.  $y = x^2 + 8x + 16$

X	Y

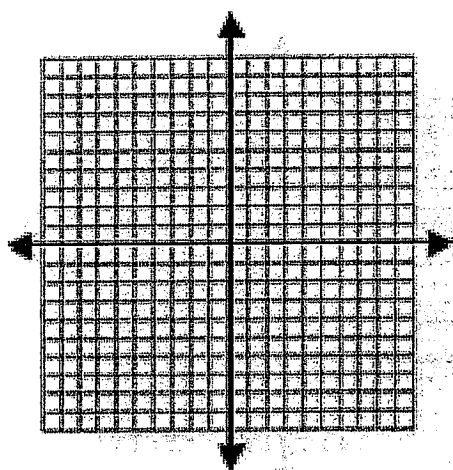


### 9.3 Graphing Quadratics

Name \_\_\_\_\_

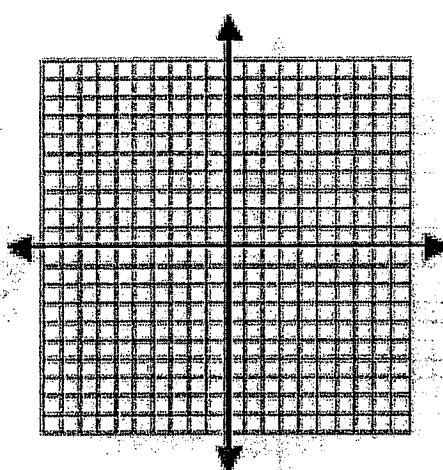
7.  $y = -x^2 + 6x - 9$

X	Y



8.  $y = -\frac{2}{5}x^2 + 4$

X	Y



9.  $y = -\frac{1}{4}x^2 + 2x + 3$

X	Y

